OIPE

Input Set : A:\Uco-1215.app
Output Set: N:\CRF3\08222002\J072077A.raw

ENTERED

```
 3  <110> APPLICANT: Gallie, Daniel R.
 4         Young, Todd E.
 5         The Regents of the University of California
 7  <120> TITLE OF INVENTION: Generation of Multiple Embryo Maize
 9  <130> FILE REFERENCE: 023070-121500US
11  <140> CURRENT APPLICATION NUMBER: US 10/072,077A
12  <141> CURRENT FILING DATE: 2002-02-07
14  <160> NUMBER OF SEQ ID NOS: 1
16  <170> SOFTWARE: PatentIn Ver. 2.1
18  <210> SEQ ID NO: 1
19  <211> LENGTH: 3183
20  <212> TYPE: DNA
21  <213> ORGANISM: Arabidopsis thaliana
23  <220> FEATURE:
24  <221> NAME/KEY: promoter
25  <222> LOCATION: (1)..(3183)
26  <223> OTHER INFORMATION: senescence-associated gene 12-1 (SAG12-1) promoter
28  <400> SEQUENCE: 1
29  gatatctctt tttatattca aacaataagt tgagatatgt ttgagaagag gacaactatt 60
30  ctcgtggagc accgagtctg ttttatatta gaaacccgat tgttattttt agactgagac 120
31  aaaaaagtaa aatcgttgat tgttaaaatt taaaattagt ttcatcacgt ttcgataaaa 180
32  aaatgattag ttatcatagc taatatagca tgattctaaa tttgtttttt gacacccttt 240
33  ttttctctct ttggtgtttt cttaacatta gaagaaccca taacaatgta cgttcaaatt 300
34  aattaaaaac aatatttcca agttttatat acgaaacttg ttttttttaat gaaaacagtt 360
35  gaatagttga ttatgaatta gttagatcaa tactcaatat atgatcaatg atgtatatat 420
36  atgaactcag ttgttataca agaaatgaaa atgctattta aataccgatc atgaagtgtt 480
37  aaaaagtgtc agaatatgac atgaagcgtt ttgtcctacc gggtatcgag ttataggttt 540
38  ggatctctca agaatatttt gggccatatt agttatattt gggcttaagc gtttttgcaaa 600
39  gagacgagga agaaagattg ggtcaagtta acaaaacaga gacactcgta ttagttggta 660
40  ctttggtagc aagtcgattt atttgccagt aaaaacttgg tacacaactg acaactcgta 720
41  tcgttattag tttgtacttg gtacctttgg ttaagaaaaa gttgatatag ttaaatcagt 780
42  tgtgttcatg aggtgattgt gatttaattt gttgactagg gcgattcctt cacatcacaa 840
43  taacaaagtt ttatagattt ttttttataa catttttgcc acgcttcgta aagtttggta 900
44  tttacaccgc atttttccct gtacaagaat tcatatatta tttatttata tactccagtt 960
45  gacaattata agtttataac gtttttacaa ttatttaaat accatgtgaa gatccaagaa 1020
46  tatgtcttac ttcttctttg tgtaagaaaa ctaactatat cactataata aaataattct 1080
47  aatcattata tttgtaaata tgcagttatt tgtcaatttt gaatttagta ttttagacgg 1140
48  ttatcacttc agccaaatat gatttggatt taagtccaaa atgcaatttc gtacgtatcc 1200
49  ctcttgtcgt ctaatgatta tttcaatatt tcttatatta tccctaacta cagagctaca 1260
50  tttatattgt attctaatga cagggaaact ttcatagaga ttcagataga tgaaattggt 1320
51  gggaaacatc attgaacagg aaacttttag caaatcatat cgatttatct acaaaagaat 1380
52  acttagcgta atgaagttca cttgttgtga atgactatga tttgatcaaa ttagttaatt 1440
53  ttgtcgaatc atttttcttt ttgatttgat taagctttta acttgcacga atggttctct 1500
```

RAW SEQUENCE LISTING   DATE: 08/22/2002
PATENT APPLICATION: US/10/072,077A   TIME: 15:56:46

Input Set : A:\Uco-1215.app
Output Set: N:\CRF3\08222002\J072077A.raw

```
54 tgtgaataaa cagaatcttt gaattcaaac tatttgatta gtgaaaagac aaaagaagat 1560
55 tccttgtttt tatgtgatta gtgattttga tgcatgaaag gtacctacgt actacaagaa 1620
56 aaataaacat gtacgtaact acgtatcagc atgtaaaagt attttttcc aaataattta 1680
57 tactcatgat agattttttt ttttgaaat gtcaattaaa aatgctttct taaatattaa 1740
58 ttttaattaa ttaaataagg aaatatattt atgcaaaaca tcatcaacac atatccaact 1800
59 tcgaaaatct ctatagtaca caagtagaga aaataaattt tactagatac aaacttccta 1860
60 atcatcaatt ataaatgttt acaaaactaa ttaaacccac cactaaaatt aactaaaaat 1920
61 ccgagcaaag tgagtgaaca agacttgatt tcaggttgat gtaggactaa aatggctacg 1980
62 tatcaaacat caacgatcat ttagttatgt atgaatgaat gtagtcatta cttgtaaaac 2040
63 aaaaatgctt tgatttggat caatcacttc atgtgaacat tagcaattac atcaacctta 2100
64 ttttcactat aaaaccccat ctcagtaccc ttctgaagta atcaaattaa gagcaaaagt 2160
65 catttaactt tcctaaaacc atggaccctg catctaattt tcggtccaac ttgcacagga 2220
66 aagacgacga ccgcgatagc tcttgcccag cagacagggc ttccagtcct ttcgcttgat 2280
67 cgggtccaat cgtgtcctca actatcaacc ggaagcggac gaccaacagt ggaagaactg 2340
68 aaaggaacga cgcgtctcta ccttgatgat cggcctctgg tggagggtat catcgcagcc 2400
69 aagcaagctc atcataggct gatcgaggag gtgtataatc atgaggccaa cggcgggctt 2460
70 attcttgagg gaggatccac ctcgttgctc aactgcatgg cgcgaaacag ctattggagt 2520
71 gcagattttc gttggcatat tattcgccac aagttacccg accaagagac cttcatgaaa 2580
72 gcggccaagg ccagagttaa gcagatgttg caccccgctg caggccattc tattattcaa 2640
73 gagttggttt atctttggaa tgaacctcgg ctgaggccca ttctgaaaga gatcgatgga 2700
74 tatcgatatg ccatgttgtt tgctagccag aaccagatca cggcagatat gctattgcag 2760
75 cttgacgcaa atatggaagg taagttgatt aatgggatcg ctcaggagta tttcatccat 2820
76 gcgcgccaac aggaacagaa attcccccaa gttaacgcag ccgctttcga cggattcgaa 2880
77 ggtcatccgt tcggaatgta ttaggttacg ccagccctga gctcgatcgt tcaaacattt 2940
78 ggcaataaag tttcttaaga ttgaatcctg ttgccggtct tgcgatgatt atcatataat 3000
79 ttctgttgaa ttacgttaag catgtaataa ttaacatgta atgcatgacg ttatttatga 3060
80 gatgggtttt tatgattaga gtcccgcaat tatacattta atacgcgata gaaaacaaaa 3120
81 tatggcgcgc aaactgggat aaattatcgc gcgcggtgtc atctatgtta ctagatcgaa 3180
82 ttc                                                              3183
```

VERIFICATION SUMMARY   DATE: 08/22/2002
PATENT APPLICATION: US/10/072,077A   TIME: 15:56:47

Input Set : A:\Uco-1215.app
Output Set: N:\CRF3\08222002\J072077A.raw